



Command Line Switches

and arguments to control some program executables

On this page I will collect command line switches for some program executables.

This will make it easier to create reliable "quick-and-dirty" batch files to perform common tasks like printing, file conversion, etcetera without the need to dig into the program's COM object details.

Most programs open a file if its full path is specified on the command line without any switches.

Most files' "Open", "Print" and "PrintTo" commands can be found in the registry under HKEY_CLASSES_ROOT, or by examining [file associations](#), the others may require some web searching, or even reading software manuals. 😊

Command line switches for:

[Microsoft Access](#)

[Adobe Reader](#)

[CDBurnerXP](#)

[Excel](#)

[Foxit Reader](#)

[IrfanView](#)

[Macrium Reflect](#)

[Nero Burning ROM](#)

[OpenOffice](#)

[PowerPoint Viewer](#)

[Corel Quattro Pro](#)

[Mozilla Thunderbird](#)

[Visio](#)

[Wordpad](#)

[Microsoft XPS Viewer](#)

[Acronis TrueImage Home](#)

[AVG Antivirus](#)

Canon's [Digital Photo Professional](#)

Mozilla [Firefox](#)

[Internet Explorer](#)

[ISOWriter](#)

[MagicISO](#)

[Notepad](#)

[PowerPoint](#)

Corel [Presentations](#)

Microsoft [RAW Image Viewer](#)

Sunbelt [VIPRE Antivirus + Antispyware](#)

Microsoft [Word](#)

[WordPerfect](#)

Related Stuff

Samples, alternatives and to-be-investigated

Microsoft Access

Open a Microsoft Access database:

```
msaccess.exe Database
```

Open an Access database for exclusive access:

```
msaccess.exe Database /excl
```

Open an Access database for read-only access:

```
msaccess.exe Database /ro
```

Compact and repair an Access database:

```
msaccess.exe OriginalDatabase /compact [ CompactedDatabase ]
```

If no *CompactedDatabase* is specified, the *OriginalDatabase* will be overwritten.

Convert a database from a previous Access version to the current version:

```
msaccess.exe OldDatabase /convert NewDatabase
```

Sources with more details:

- [How to use command-line switches in Microsoft Access](http://support.microsoft.com/kb/105128/) (<http://support.microsoft.com/kb/105128/>) (MS Access 1.0..97)
- [How to use command-line switches in Microsoft Access](http://support.microsoft.com/kb/209207) (<http://support.microsoft.com/kb/209207>) (MS Access 2000..2003)
- [Command-line switches for Access](http://office.microsoft.com/en-us/access-help/command-line-switches-for-access-HA010166605.aspx) (<http://office.microsoft.com/en-us/access-help/command-line-switches-for-access-HA010166605.aspx>) (MS Access 2007)

Not tested

[Back to the top of this page ...](#)

Acronis TrueImage Home

Acronis TrueImage Home saves its backup jobs in script files, located in %ProgramData%\Acronis\TrueImageHome\Scripts. Each backup job has to be set up manually, once.

Run a backup job:

```
TrueImageLauncher.exe /script:"script_name_without_path_and_without_any_extension"
```

For example, running a DIR command against my Acronis backup scripts folder reveals the following files:

```
Volume in drive C is WINDISK
Volume Serial Number is C0FF-EE01

Directory of C:\ProgramData\Acronis\TrueImageHome\Scripts

21-03-2016  14:12    <DIR>          .
21-03-2016  14:12    <DIR>          ..
29-01-2016  16:25            3.043 5C8E3F1D-1384-4EA1-A365-38C340611A47.tib.tis
17-04-2015  21:48            1.159 D1E7BA2F-792C-8E9B-1257-785761C66525.tib.tis
                           2 File(s)   4.202 bytes
                           2 Dir(s)  402.546.192.384 bytes free
```

Picking the most recent file, the command to run a backup will be:

```
"%ProgramFiles%\Acronis\TrueImageHome\TrueImageLauncher.exe" /script:"5C8E3F1D-1384-4EA1-A365-38C340611A47"
```

Source with more details:

- [How To Run Acronis True Image Backups from Command Line](#)

Tested with Acronis TrueImage Home 2011 on Microsoft Windows 7 Ultimate SP1 (6.1.7601)

[Back to the top of this page ...](#)

Adobe Reader

Open a PDF file:

<http://get.adobe.com/reader/>

```
AcroRd32.exe PdfFile
```

Open a PDF file in a new instance of Adobe Reader:

```
AcroRd32.exe /N PdfFile
```

Open a PDF file at page 7:

```
AcroRd32.exe /A "page=7=OpenActions" PdfFile
```

Open a PDF file with navigation pane active, zoom out to 50%, and search for and highlight the word "batch":

```
AcroRd32.exe /A "zoom=50&navpanes=1=OpenActions&search=batch" PdfFile
```

Print a PDF file with dialog:

```
AcroRd32.exe /P PdfFile
```

Print a PDF file silently:

```
AcroRd32.exe /N /T PdfFile PrinterName [ PrinterDriver [ PrinterPort ] ]
```

The last command will open a new Adobe Reader window, print the PDF file and then terminate its window *unless that window happens to be the only Adobe Reader window left*: at least one Adobe Reader window will be left open.

Sources with more details:

- [Adobe Developer FAQ](http://partners.adobe.com/public/developer/en/acrobat/sdk/pdf/intro_to_sdk/DeveloperFAQ.pdf#page=27) ()
- [PDF Open Parameters](http://partners.adobe.com/public/developer/en/acrobat/PDFOpenParameters.pdf#page=5) ()
- [Andy Robinson's Printing Help](http://two.pairlist.net/pipermail/reportlab-users/2003-January/001158.html) ()
- If closing the Adobe Reader window after printing really is an issue, install Bullzip's [Acrobat Wrapper](http://www.biopdf.com/acrowrap/close_adobe_reader.php) ()

Tested with [Adobe Reader 8.1.2](http://get.adobe.com/reader/) () on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

AVG Antivirus

Scan and clean a file (scan inside archives and [alternate data streams](http://www.windowsecurity.com/articles/Alternate_Data_Streams.html) () too):

```
avgscanx.exe /scan=file /ext=* /arc /ads /clean
```

Thoroughly scan and clean the entire computer:

```
avgscanx.exe /comp /ext=* /reg /boot /proc /macrow /pup /arc /ads /clean
```

Run a high priority quick test on the computer, take no action, and report the results including password protected archives:

```
avgscanx.exe /comp /qt /priority=high /pwdw /report=d:\avgreport.txt
```

Scan all files in directory *d:\datadir*, move infected files to the virus vault, report the results:

```
avgscanx.exe /scan=d:\datadir /ext=* /trash /report=d:\avgreport.txt
```

Update virus definitions:

```
avgupd.exe
```

Notes: (1) Use `avgscan64.exe` for Intel 64 bits processors.

(2) Return codes:

- 0: everything is o.k.
- 1: user cancelled/interrupted test
- 2: any error during the test - cannot open file etc.
- 3: change identified
- 4: suspicion detected by heuristic analysis
- 5: virus found by heuristic analysis
- 6: specific virus detected
- 7: active virus in memory detected
- 8: AVG corrupted
- 9: double extension
- 10: archive contains password protected files

Sources with more details:

- [AVGSCANX.EXE /?](#)

Tested with AVG Antivirus version 8.0.145 (engine 8.0.0) on Microsoft Windows XP Professional SP3 (5.1.2600)

[Back to the top of this page ...](#)

CDBurnerXP

Open a CDBurnerXP compilation file:

```
cdbxp.exe /od CdbxpCompilationFile
```

List all CD/DVD writers:

```
cdbxpcmd.exe --list-drives
```

[tp://cdburnerxp.se/download](http://cdburnerxp.se/download)

Eject the disk in the first CD/DVD writer (device 0):

```
cdbxpcmd.exe --eject [ -device:0 ]
```

Load the disk in the first CD/DVD writer (device 0):

```
cdbxpcmd.exe --load [ -device:0 ]
```

Erase the disk in the first CD/DVD writer (device 0):

```
cdbxpcmd.exe --erase [ -device:0 ]
```

Unfortunately, so far, I haven't been able to burn a CD with `cdbxpcmd.exe` yet.

Source with more details:

- [CDBurnerXP: Command line arguments](http://www.cdburnerxp.se/help/Appendices/commandlinearguments) (<http://www.cdburnerxp.se/help/Appendices/commandlinearguments>)

Tested with [CDBurnerXP Pro 4.1.1.660](http://cdburnerxp.se/download) (<http://cdburnerxp.se/download>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

Digital Photo Professional

Open the `d:\photos` folder in DPP, and display directory tree:

```
DPPViewer.exe /path d:\photos /tree:on
```

Open the last used folder in DPP, do *not* display directory tree:

```
DPPViewer.exe /tree:off
```

Tested with Canon's [Digital Photo Professional 3.7.2.0](http://www.canon-europe.com/Support/software/dpp/) (<http://www.canon-europe.com/Support/software/dpp/>) on Microsoft Windows XP Professional SP3 (5.1.2600) and Microsoft Windows 7 Ultimate RC (6.1.7100)

[Back to the top of this page ...](#)

Excel

Open an Excel spreadsheet:

```
excel.exe ExcelSpreadsheet
```

Open an Excel spreadsheet in read-only mode:

```
excel.exe /r ExcelSpreadsheet
```

Open an Excel spreadsheet in safe mode:

```
excel.exe /s ExcelSpreadsheet
```

or:

```
excel.exe /safemode ExcelSpreadsheet
```

Sources with more details:

- [Description of the startup switches for Excel](http://support.microsoft.com/kb/291288) (<http://support.microsoft.com/kb/291288>) (MS Excel 97..2003)
- [Command-line switches for Microsoft Office Excel](http://office.microsoft.com/en-us/excel-help/command-line-switches-for-excel-HA010158030.aspx) (<http://office.microsoft.com/en-us/excel-help/command-line-switches-for-excel-HA010158030.aspx>) (MS Excel 2007)

Not tested

[Back to the top of this page....](#)

Mozilla Firefox

Open an url in the browser:

```
firefox.exe -url http://www.mozilla.com/
```

or:

<http://www.mozilla.com/>

Open new private window:

```
firefox.exe -private-window http://www.mozilla.com/
```

Note: Won't work if another instance of Firefox is running.

Open an url in a new tab in the browser:

```
firefox.exe -new-tab http://www.mozilla.com/
```

Open an url in a new browser window:

```
firefox.exe -new-window http://www.mozilla.com/
```

Search using Firefox' default search engine:

```
firefox.exe -search "batch files"
```

Make Firefox the default browser:

```
firefox.exe -setDefaultBrowser
```

Sources with more details:

- [Mozilla's Command Line Options](#)

Note: You may want to experiment with these switches. On some systems, besides opening a specified URL, I couldn't get *any* of these switches working. This may have been caused by one or more add-ons, or it may not...

Tested with [Mozilla Firefox 35.0](#) (<http://www.mozilla.com/>) on Microsoft Windows 7 SP1 (64-bits) (6.1.7601)

[Back to the top of this page . . .](#)

Foxit Reader

Open a PDF file:

```
"FoxitReader.exe" PdfFile
```

Open a PDF file at page 7, zoom factor 75%:

```
"FoxitReader.exe" PdfFile /A page=7 zoom=75%
```

Make Foxit Reader the default PDF reader:

```
"FoxitReader.exe" /register
```

Print a PDF file silently to the default printer:

```
"FoxitReader.exe" /p PdfFile
```

Print a PDF file silently to an alternative printer:

```
"FoxitReader.exe" /t PdfFile PrinterName
```

The next 2 undocumented switches were discovered by Wolfgang Eitel with the aid of [SysInternals' ProcessMonitor](#) (discovered in version 4, still seem to work in version 7):

Force Internet Explorer and Firefox to open PDF files *inside* the browser window:

```
"FoxitReader.exe" -displayinbrowser
```

Force Internet Explorer and Firefox to open PDF files *outside* the browser window:

```
"FoxitReader.exe" -undisplayinbrowser
```

Note: Switches (e.g. /A) are case sensitive, commands (e.g. page=7) aren't.

Source with more details:

- Page 199 of the [Foxit Reader 7 Manual](http://cdn01.foxitsoftware.com/pub/foxit/manual/reader/en_us/FoxitReader70_Manual.pdf#page=199) (

Tested with [Foxit Reader 7.0.6.1126](http://www.foxitsoftware.com/Secure_PDF_Reader/) () on Microsoft Windows 7 SP1 (64-bits) (6.1.7601)

[Back to the top of this page....](#)

Internet Explorer

Open an URL in Internet Explorer:

```
microsoft.com/windows/internet-explorer/ iexplore.exe url
```

Open Internet Explorer without add-ons (IE 7 and later versions only):

```
iexplore.exe -extoff [ url ]
```

Open Internet Explorer with InPrivate Browsing set to active (IE 8 and later versions only):

```
iexplore.exe -private [ url ]
```

Open Internet Explorer in Windows Explorer mode (IE 7 and earlier versions only):

```
iexplore.exe -e Folder
```

It is not possible to start a *Windows* Explorer window with alternate credentials.

That is where Internet Explorer's "Explorer mode" comes to the rescue:

use **RUNAS** and IE's **-E** switch to start an Explorer *look-alike* window with alternate credentials.

Folder can be in "drive:\path" or **UNC** format.

As of IE 7 this workaround may no longer work, as the **-e** switch became obsolete (though it still *does* work on my Windows 7 (64-bits) system). You may want to try this "direct" approach first:

```
explorer.exe /separate[,Folder]
```

This works in Windows 7 (64-bits), not sure about other Windows versions though.

Open Internet Explorer in kiosk mode:

```
iexplore.exe -k [ url ]
```

Source with more details:

- [Internet Explorer Command Line Options](#)

Tested with Internet Explorer 5..7 on Microsoft Windows 2000 & XP Professional, and with [Internet Explorer 8](http://www.microsoft.com/windows/internet-explorer/) (<http://www.microsoft.com/windows/internet-explorer/>) on Microsoft Windows 7 RC (64-bits)

[Back to the top of this page ...](#)

IrfanView

www.irfanview.com/ **Open a graphics file:**

```
i_view32.exe GraphicsFile
```

Print a graphics file to the default printer:

```
i_view32.exe GraphicsFile /print
```

Print a graphics file to any printer:

```
i_view32.exe GraphicsFile /print="PrinterName"
```

Convert a JPG file to TIFF:

```
i_view32.exe FileName.jpg /convert=FileName.tif
```

Convert a JPG file to TIFF, and resize it to 800x600 (but keep the aspect ration):

```
i_view32.exe FileName.jpg /resize=(800,600) /aspectratio /resample /convert=FileName.tif
```

Scan and print a page:

```
i_view32.exe /scanhidden /print
```

Play selected JPG files as a slideshow:

```
i_view32.exe /slideshow=drive\path\img*.jpg /closeslideshow
```

Capture the screen and save it as C:\TEST.JPG:

```
i_view32.exe /capture=0 /convert=c:\test.jpg
```

Note: All switches must be in lower case.

Sources with more details:

- [i_options.txt](#) (in IrfanView's program directory)
- IrfanView help file (`HH.EXE "mk:@MSITStore:C:\Program%20Files\IrfanView\i_view32.chm::/hlp_command_line.htm"`)

Tested with [IrfanView 4.10](#) (<http://www.irfanview.com/>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

ISO Writer

Burn ISO file to default CD/DVD writer at maximum speed, eject after writing

```
ISOWriter.exe -e ISOFileName.iso
```

Burn and validate ISO file to CD/DVD writer E: at 16x speed, do not eject after writing

```
ISOWriter.exe -r E: -s 16 -v ISOFileName.iso
```

<http://isorecorder.alexfeinman.com/ISOWriter.htm>

Sources with more details:

- [ISO Writer - Windows command-line image-burning utility, by Alex Feinman](#) (<http://isorecorder.alexfeinman.com/ISOWriter.htm>)
- Run `ISOWriter.exe` without parameters to list the command options available in *your* ISO Writer version.

[Back to the top of this page ...](#)

Macrium Reflect

Reflect.exe uses an XML file for its backup job parameters (source disks/partitions, target folder, etcetera).

The XML file must be created by a (manual) setup, and will be saved as "My Documents\Reflect\My Backup.xml" by default.

Once the XML has been created, it can be used to run Reflect from the command line or a script.

It is possible to create multiple XML files for different backup jobs.

Run a full backup:

```
reflect.exe -e -full "%UserProfile%\Documents\Reflect\My Backup.xml"
```

Run an differential backup, wait if reflect.exe is still busy:

```
reflect.exe -e -diff -w "%UserProfile%\Documents\Reflect\My Backup.xml"
```

www.macrium.com/) Macrium Reflect backups can be verified from the command line with [mrverify.exe](http://updates.macrium.com/reflect/utilities/mrverify.exe) (<http://updates.macrium.com/reflect/utilities/mrverify.exe>), which must be downloaded separately.

Verify a backup backup and log the result:

```
mrverify.exe "d:\targetfolder\imagefile.mrimg" -l "%UserProfile%\Documents\Reflect\My Backup.log"
```

Sources with more details:

- [Using Macrium Reflect from the command line](http://knowledgebase.macrium.com/display/KNOW/Using+Macrium+Reflect+from+the+command+line) (<http://knowledgebase.macrium.com/display/KNOW/Using+Macrium+Reflect+from+the+command+line>)
- [Verifying image and backup files from the command line](http://knowledgebase.macrium.com/display/KNOW/Verifying+image+and+backup+files+from+the+command+line) (<http://knowledgebase.macrium.com/display/KNOW/Verifying+image+and+backup+files+from+the+command+line>)
- [Download mrverify.exe](http://updates.macrium.com/reflect/utilities/mrverify.exe) (<http://updates.macrium.com/reflect/utilities/mrverify.exe>)
- Run `reflect.exe` and `mrverify.exe` with parameter `-h` to list the available command options.

Tested with [Macrium Reflect v6.1.1196 Free](http://www.macrium.com/reflectfree.aspx) (<http://www.macrium.com/reflectfree.aspx>) on Microsoft Windows 7 Ultimate SP1 (6.1.7601)

[Back to the top of this page ...](#)

MagicISO

`MagicISO.exe` is the program's GUI executable, but in the same directory where `MagicISO.exe` is installed, MagicISO's command line tool `miso.exe` can be found.

<http://www.magiciso.com/>) List all available CD/DVD writers with their ID number and drive letter:

```
miso.exe NULL -cd
```

Quick erase the disk in the CD/DVD writer with ID number 1:

```
miso.exe NULL -e 1
```

Create and burn a new ISO file to the CD/DVD writer with ID number 2:

```
miso.exe ISOFileName.iso -c NewFolder -f NewFolder -a *.* -l3 -l VolumeLabel -be 2
```

Notes: The `-c` switch creates a folder *NewFolder* in the root directory of the ISO image, the `-f` switch makes this new folder the working directory.

`-a *.*` adds all files from the current directory, including subdirectories, to the ISO image's working directory.

`-be 2` tells the program to quick erase the disk in the CD/DVD writer with ID number 2 if it isn't blank, and then burn the ISO image to the disk.

If *ISOFileName.iso* already existed, the files and folder(s) will be added to the existing ISO image.

Use `-l1` instead of `-l3` if you want to restrict file and folder names in the ISO image to their short "8.3 notation".

Delete files from an existing ISO image:

```
miso.exe ISOFileName.iso -f Folder -d FileSpec
```

Convert an existing ISO image to Nero's NRG format:

```
miso.exe NeroFileName.nrg -conv nrg ISOFileName.iso
```

Sources with more details:

- [Using MagicISO as ISO Creator](http://www.magiciso.com/tutorials/miso-iso-creator.htm) (<http://www.magiciso.com/tutorials/miso-iso-creator.htm>)
- [Using MagicISO as ISO image burner](http://www.magiciso.com/tutorials/miso-iso-image-burner.htm) (<http://www.magiciso.com/tutorials/miso-iso-image-burner.htm>)
- [Using MagicISO to mount ISO image on Command Line](http://www.magiciso.com/tutorials/miso-mount-iso-image.htm) (<http://www.magiciso.com/tutorials/miso-mount-iso-image.htm>)
- Run `miso.exe` without parameters to list the command options available in your MagicISO version.

Tested with [MagicISO 3.1.113](http://www.magiciso.com/download.htm) (<http://www.magiciso.com/download.htm>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

Nero Burning ROM

`nero.exe` is Nero Burning ROM's GUI executable, but when Nero is installed, the command line tool `NeroCmd.exe` will be installed too. For Nero 8, `NeroCmd.exe`'s location can be found in the registry *value*

(<http://www.amazon.com/gp/product/B001CJQGM4?ie=UTF8&tag=robvanderwoude&linkCode=as2&camp=1789&creative=390957&creativeASIN=B001CJQGM4>)

HKEY_LOCAL_MACHINE\SOFTWARE\Nero\Shared\Lib

Open dialogs

Open Nero Burning ROM in the "Create Bootable CD" dialog:

```
nero.exe /New:BootDisc /Media:CD
```

Open Nero Burning ROM in the "Burn Image to CD" dialog:

```
nero.exe NeroImageFile /Dialog:BurnImage /Media:CD
```

Open Nero Burning ROM in the "CD Copy" dialog:

```
nero.exe /Dialog:DiscCopy /Media:CD
```

Open Nero Burning ROM in the "DVD Copy" dialog:

```
nero.exe /Dialog:DiscCopy /Media:DVD
```

Note: A /W switch may be required when using Nero Express.

Unattended

List available CD/DVD writers:

```
NeroCmd.exe --listdrives
```

List drive properties for CD/DVD writer E:

```
NeroCmd.exe --driveinfo --drivename E
```

List disk properties for CD/DVD in drive E:

```
NeroCmd.exe --discinfo --drivename E
```

Eject the disk from drive E:

```
NeroCmd.exe --eject --drivename E
```

Load the disk in drive E:

```
NeroCmd.exe --load --drivename E
```

Quick erase disk in CD/DVD writer E:

```
NeroCmd.exe --erase --drivename E --real
```

Full erase disk in CD/DVD writer E:

```
NeroCmd.exe --erase --entire --drivename E --real
```

Write a Nero image to CD/DVD writer E:

```
NeroCmd.exe --write --drivename E --image NeroImageFile --force_erase_disc --real
```

Quick erase a rewritable disk in E: and then write "drive\path*.*" to it at 4x speed:

```
NeroCmd.exe --write --drivename E --speed 4 --iso VolumeLabel  
--create_iso_fs "drive\path\*.*" --force_erase_disc --real
```

Note: The 2 lines in the command above should be typed as a single line.

Sources with more details:

- Run `NeroCmd.exe` without parameters to list the command options available in *your* Nero version.
- [Info Nero 6 Startbefehle](http://www.hackerboard.de/applikationen/10057-nero-6-startbefehle.html) ( Nero command line switches to start Nero's GUI in specific dialogs (in German))

Most commands were tested with NeroCmd version 1.9.0.1/Nero API version 6.6.0.19 on Microsoft Windows XP Professional SP2 (5.1.2600), the CD Copy and DVD Copy commands were tested with Nero version 8.0.0.0/Nero API version 8.3.2.1 on Windows XP Professional SP3 (5.1.2600)

[Back to the top of this page ...](#)

Notepad

Open a text file in Notepad:

```
notepad.exe TextFileName
```

Force Notepad to open a text file as ASCII text:

```
notepad.exe /A TextFileName
```

Print a text file with Notepad (default printer):

```
notepad.exe /P TextFileName
```

Tested in Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

OpenOffice

Open a file in OpenOffice, don't show the splash screen:

```
tip://www.openoffice.org/)      soffice.exe -nologo OpenOfficeFile
```

Open a new text document in OpenOffice:

```
soffice.exe -writer
```

Note: Use `-base` for databases, `-calc` for spreadsheets, `-draw` for drawings, `-impress` for presentations, `-math` for formulas, `-web` for HTML pages, and `-writer` for text documents.

Open a document in view (read-only) mode:

```
soffice.exe -view OpenOfficeFile
```

Start a presentation:

```
soffice.exe -show OpenOfficeImpressFile
```

Print an OpenOffice file silently to any printer:

```
soffice.exe -pt "PrinterName" OpenOfficeFile
```

Print multiple OpenOffice text files silently to any printer:

```
soffice.exe -pt "PrinterName" *.odt
```

Sources:

- [SOFFICE.EXE -?](#)
- [Command Line Arguments in OpenOffice](#) (http://wiki.services.openoffice.org/wiki/Framework/Article/Command_Line_Arguments)
- [OpenOffice FAQ: Is there a way to print a batch of files without opening each of them in Oo?](#)
(http://wiki.services.openoffice.org/wiki/Documentation/FAQ/General/Is_there_a_way_to_print_a_batch_of_files_without_opening_each_of_them_in_Oo%3F)

Tested with [OpenOffice.org 2.4.0](#) (<http://www.openoffice.org/>) on Microsoft Windows XP Professional SP3 (5.1.2600)

[Back to the top of this page . . .](#)

PowerPoint

Open a PowerPoint file in Edit mode:

```
powerpnt.exe PowerPointFile
```

Open a PowerPoint file in Slideshow mode:

```
powerpnt.exe /S PowerPointFile
```

Open a print dialog:

```
powerpnt.exe /P PowerPointFile
```

Silently print a PowerPoint file to any printer:

```
powerpnt.exe /PT "PrinterName" "" "" "PowerPointFile"
```

Open a PowerPoint file and run an embedded macro:

```
powerpnt.exe /M PowerPointFile "MacroName"
```

Sources with more details:

- [Command-Line Switches for PowerPoint 2000](http://support.microsoft.com/kb/254011) (<http://support.microsoft.com/kb/254011>)
- [Command-line switches for PowerPoint 2007 and the PowerPoint Viewer 2007](http://office.microsoft.com/en-us/powerpoint-help/command-line-switches-for-powerpoint-2007-and-the-powerpoint-viewer-2007-HA010153889.aspx) (<http://office.microsoft.com/en-us/powerpoint-help/command-line-switches-for-powerpoint-2007-and-the-powerpoint-viewer-2007-HA010153889.aspx>)

Not tested

[Back to the top of this page....](#)

PowerPoint Viewer

Open a PowerPoint file in Slideshow mode:

<http://www.microsoft.com/downloads/details.aspx?familyid=048dc840-14e1-467d-8dea-19d2a8fd7485> pptview.exe *PowerPointFile*

Open a print dialog (without "splash screen"):

```
pptview.exe /S /P PowerPointFile
```

Sources with more details:

- [List of command line switches for PowerPoint 2003 Viewer](http://support.microsoft.com/kb/830040) (<http://support.microsoft.com/kb/830040>)

- [Command-line switches for PowerPoint 2007 and the PowerPoint Viewer 2007](http://office.microsoft.com/en-us/powerpoint-help/command-line-switches-for-powerpoint-2007-and-the-powerpoint-viewer-2007-HA010153889.aspx) (<http://office.microsoft.com/en-us/powerpoint-help/command-line-switches-for-powerpoint-2007-and-the-powerpoint-viewer-2007-HA010153889.aspx>).

Tested with [PowerPoint Viewer 2007 \(12.0.6211\)](http://www.microsoft.com/downloads/details.aspx?familyid=048dc840-14e1-467d-8dca-19d2a8fd7485&displaylang=en) (<http://www.microsoft.com/downloads/details.aspx?familyid=048dc840-14e1-467d-8dca-19d2a8fd7485&displaylang=en>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

Corel Presentations

Open an existing slideshow or drawing in Presentations:

`Prwin12.exe PresentationsDrawingOrSlideshow`

Open a copy of an existing slideshow or drawing as a new file:

`Prwin12.exe /s PresentationsDrawingOrSlideshow`

Open Presentations with a new drawing:

`Prwin12.exe /bsd`

Open Presentations with a new slideshow:

`Prwin12.exe /bss`

Source:

- [Presentations Startup Switches](#)

Tested with Corel WordPerfect Presentations 12.0.0.602 on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page ...](#)

Corel Quattro Pro

Open an existing spreadsheet in Quattro Pro, without showing the "splash screen":

```
qpw.exe Spreadsheet /n
```

Open a password protected spreadsheet without the password dialog:

```
qpw.exe Spreadsheet /spassword
```

Repair a damaged spreadsheet:

```
qpw.exe Spreadsheet /r1
```

Note: This will remove all objects from *Spreadsheet*.

If that doesn't fix the file, use the */r2* switch, which will also remove all formulas.

Source:

- [QuattroPro 12 command line switches](#)

Except for the repair options, tested with Corel Quattro Pro 12.0.0.602 on Microsoft Windows XP Professional SP3 (5.1.2600); */n* switch also tested with Corel Quattro Pro X4 on Microsoft Windows XP Professional SP3 (5.1.2600) and Microsoft Windows 7 Ultimate RC (6.1.7100)

[Back to the top of this page ...](#)

Microsoft RAW Image Viewer

Open a RAW image in the viewer:

www.microsoft.com/downloads/en/details.aspx?FamilyId=D48E808E-B10D-4CE4-A141-5866FD4A3286 RAWSupport.exe RawImageFile

Open the print wizard:

```
RAWSupport.exe /print RawImageFile
```

Open a RAW image in the associated editor, if configured:

```
RAWSupport.exe /edit RawImageFile
```

Note: A RAW image editor is not part of Microsoft's RAW Image Viewer package.

Open the RAW Image Viewer's configuration dialog:

```
RAWSupport.exe /configure
```

Source:

- The `RAWSupport.exe /?` command

Tested with [Microsoft RAW Image Viewer 1.1.50.0](http://www.microsoft.com/downloads/en/details.aspx?FamilyId=D48E808E-B10D-4CE4-A141-5866FD4A3286) (<http://www.microsoft.com/downloads/en/details.aspx?FamilyId=D48E808E-B10D-4CE4-A141-5866FD4A3286>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page....](#)

Mozilla Thunderbird

Compose an e-mail message, including attachment:

```
SET Recipients=to="Recipient",cc="CcRecipient",bcc="BccRecipient"
SET Message=subject="MessageSubject",body="MessageBody"
thunderbird.exe -compose %Recipients%,%Message%,attachment="FileToBeAttached"
```

Notes: The `SET` commands have been used to split up the command, otherwise the full command line for `thunderbird.exe` wouldn't fit in the browser window.

Like the [mailto:](#) technique, you still need to press the "Send" button to actually send the message.

Open the address book:

```
thunderbird.exe -addressbook
```

Sources with more details:

- [Mozilla's Command Line Options](#)

Not all command line switches listed in these sources will work in every Thunderbird version.

Tested with [Mozilla Thunderbird 2.0.0.14 \(20080421\)](http://www.mozilla.org/thunderbird/) (<http://www.mozilla.org/thunderbird/>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page....](#)

Visio

Open a Visio file without showing the "splash screen":

`visio.exe VisioFile /nologo`

Open the last opened file:

`visio.exe /1`

Open Visio's print dialog:

www.amazon.com/gp/product/B000HCZ8GC?ie=UTF8&tag=robvanderwoudess&linkCode=as2&camp=1789&creative=390957&creativeASIN=B000HCZ8GC,

`visio.exe /p VisioFile`

Silently print a Visio file to any printer:

`visio.exe /pt VisioFile PrinterName [DriverName [PortName]]`

Sources with more details:

- [Visio 2003 startup \(command-line\) switches and their purpose](http://support.microsoft.com/kb/314392) (<http://support.microsoft.com/kb/314392>)
- [Command-line switches for Microsoft Visio 2010](http://office.microsoft.com/en-us/visio-help/command-line-switches-for-microsoft-visio-2010-HA010378910.aspx) (<http://office.microsoft.com/en-us/visio-help/command-line-switches-for-microsoft-visio-2010-HA010378910.aspx>)
- [Running Save as Web Page from the command line](http://msdn.microsoft.com/en-us/library/aa217876(office.10).aspx) ([http://msdn.microsoft.com/en-us/library/aa217876\(office.10\).aspx](http://msdn.microsoft.com/en-us/library/aa217876(office.10).aspx)) (Visio 2002)
- [Running Save as Web Page from the Command Line](http://msdn.microsoft.com/en-us/library/aa463347.aspx) (<http://msdn.microsoft.com/en-us/library/aa463347.aspx>) (Visio 2007)

Not tested

[Back to the top of this page . . .](#)

Microsoft Word

Open a Word document without "splash screen":

`winword.exe WordDocument /q`

Open a Word document in safe mode:

`winword.exe WordDocument /safe`

Open a new Word document based on an existing file:

`winword.exe /f WordDocument`

Print a Word document:

Open Word and create a macro file with the following content (tested in Word 2007 English, you may need to tweak the code for other versions or languages):

```
Sub PrintDefault()
    ' PrintDefault Macro
    ' Print current document to Default Printer
    '
        ActiveDocument.PrintOut
        ActiveDocument.Close
        Application.Quit
End Sub
```

Save the macro as "PrintDefault" in normal.dot. You only need to do this once.

Or download it here, and unzip and import it to normal.dot: [Download PrintDefault.bas](#)

From now on, you can print a Word document using the following command:

```
winword.exe WordDocument /mPrintDefault /q /n
```

This command opens *WordDocument* in Word, prints the document, closes it and exits Word.

The */q* switch suppresses the "splash screen", the */n* switch opens a new instance of Word, so *WordDocument* won't show up in the list of documents in any other open instance. Unfortunately, I haven't found a way yet to hide Word from view during the process.

Notes: It is possible to create a macro that prints to an alternative printer instead of the default.

Save this macro giving it a logical name, and use *that* macro in the command to print to that alternative printer.

Using macro's on the command line opens up other possibilities too, like saving a file in a different format.

Have a go at it!

Sources with more details:

- [List of Word startup switches \(http://support.microsoft.com/kb/210565\)](http://support.microsoft.com/kb/210565) (MS Word 2000..2010)
- [Command-line switches for Microsoft Office Word 2007 \(http://office.microsoft.com/en-us/word-help/command-line-switches-for-microsoft-office-word-2007-HP010164010.aspx\)](http://office.microsoft.com/en-us/word-help/command-line-switches-for-microsoft-office-word-2007-HP010164010.aspx)

Tested with Microsoft Word 2007 (12.0.6308.5000) on Microsoft Windows XP Professional SP3 (5.1.2600)

[Back to the top of this page ...](#)

Wordpad

Open a text file (any supported format) in Wordpad:

```
write.exe TextFileName
```

Print a text file (any supported format) with Wordpad to the default printer:

```
write.exe /p TextFileName
```

Print a text file (any supported format) with Wordpad to any printer:

```
write.exe /pt TextFileName PrinterName [ DriverName [ PortName ] ]
```

Note: You may use either `wordpad.exe` or `write.exe`, both commands will start WordPad. The only difference is that `write.exe` is located in the `%windir%\System32` directory, and hence doesn't need its fully qualified path specified.

Source:

- The `/p` switch was an "educated guess", the `/pt` switch was found using the command [STRINGS wordpad.exe](#)

Tested in Microsoft Windows XP Professional SP2 and SP3 (5.1.2600) and in Microsoft Windows 7 RC (64-bits) (6.1.7100)

[Back to the top of this page ...](#)

WordPerfect

Open a file in WordPerfect, without showing the "splash screen":

```
WPWin12.exe : WpFile
```

Print a WP file:

Open WordPerfect and create a macro file with the following content (tested in WordPerfect 12 English, you may need to tweak the code for other versions or languages):

```
Application (WordPerfect; "WordPerfect"; Default!; "EN")
PrintInColor (State: True!)
PrintGraphics (State: False!)
PrintWithDocumentSummary (State: False!)
PrintCopies (NumberOfCopies: 1)
PrintSortOrder (Order: Group!)
PrintDestination (Destination: DriverPort!)
PrintGraphically (State: False!)
PrintTwoSided (Option: LongEdge!)
PrintInReverseOrder (State: False!)
PrintBooklet (State: False!)
PrintAction (Action: FullDocument!)
Print ()
CloseNoSave ()
ExitWordPerfect ()
```

Save the macro as "PrintAndClose.wcm" in the default location. You only need to do this once.

Or download it here and unzip and save it in WordPerfect's default macro location: [Download PrintAndClose.wcm](#)

From now on, you can print a WordPerfect file using the following command:

`WPWin12.exe : WpFile /M-PrintAndClose.wcm`

This command opens *WpFile* in WordPerfect, prints the document, closes it and exits WordPerfect.

Unfortunately, I haven't found a way yet to hide WordPerfect from view during the process.

Notes: It is possible to create a macro that prints to an alternative printer instead of the default.

Save this macro giving it a logical name, and use *that* macro in the command to print to that alternative printer.

Using macro's on the command line opens up other possibilities too, like saving a file in a different format, or converting ("publishing") it to PDF...

Have a go at it!

Sources with more details:

- [WordPerfect Startup Switches](#)

Tested with Corel WordPerfect 12.0.0.602 on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page](#)

Microsoft XPS Viewer

<http://www.microsoft.com/whdc/xps/viewxps.mspx> Open a file in XPS Viewer:

`XpsRchVw.exe XpsFile`

Load a file in XPS Viewer and open the Print dialog:

`XpsRchVw.exe XpsFile /p`

Convert an XPS file to multipage TIFF:

`XpsRchVw.exe XpsFile /o:TiffFile.tif`

Convert an XPS file to multiple PNG files:

`XpsRchVw.exe XpsFile /o:PngFile.png`

Tested with [Microsoft XPS Viewer 1.0.6000.16438](http://www.microsoft.com/whdc/xps/viewxps.mspx) (<http://www.microsoft.com/whdc/xps/viewxps.mspx>) on Microsoft Windows XP Professional SP2 (5.1.2600)

[Back to the top of this page . . .](#)

Related Stuff

Samples:

- [Capture.bat](#)
Use IrfanView to append a screen capture to a multi-page TIF file.
- [PrintDoc.bat](#)
Use Microsoft Word and [CMCDDE](#) to print Word documents unattendedly.
- [PrintPPT.bat](#)
Use PowerPoint or the PowerPoint Viewer to open a print dialog for a powerPoint file.
- [PrnPDF9.bat](#)
Use Foxit Reader 3 or Adobe Reader 9 to silently print a PDF file.
- [PrintAny.exe](#)
Print any file that has a registered Print or PrintTo command.

Command line switches I haven't been able to verify yet:

- [Command-line switches for Microsoft Office Project](#) (<http://office.microsoft.com/en-us/project-help/command-line-switches-for-microsoft-office-project-HA010165551.aspx>)
- [Command Line Parameters for Windows Media Player](#) ([http://msdn.microsoft.com/en-us/library/bb262178\(VS.85\).aspx](http://msdn.microsoft.com/en-us/library/bb262178(VS.85).aspx))
- [GIMP Command Line Arguments](#) (<http://docs.gimp.org/en/gimp-fire-up.html#gimp-concepts-running-command-line>)
- [McAfee VirusScan Command Line](#) 
- [McAfee: Configuring command-line options](#) 

Alternatives in case a program just won't print from the command line:

- [Command line DDE](#)
Control programs that can act as DDE servers.
- [ClassExec](#) (<http://fvue.nl/wiki/ClassExec>)
A command line utility to execute any command, including DDE commands, associated with a file type or extension.
Use it to open, print, view or edit files, whatever is registered for that file type in HKEY_CLASSES_ROOT.
- [GetPrint.vbs](#)
Lists non-DDE-based Print and PrintTo commands for all registered file types.

Read the script's on-screen help to find out how to filter the print commands for a *specific* file type or extension.

- [PrintDoc.vbs](#)

Neither MS Word, nor the Word Viewer accept print commands from the command line. So that's where this script comes to the rescue.

Based on a [script by Arnout van der Vorst](http://arnoutvandervorst.blogspot.com/2008/03/vbscript-to-automatically-insert.html) (<http://arnoutvandervorst.blogspot.com/2008/03/vbscript-to-automatically-insert.html>), this script prints a specified Word document on the default printer.

- [PrintExcel.exe](#)

Print Excel spreadsheet from the command line.

- [Print any file using the "Shell.Application" object](#)